L Number	Hits	Search Text	DB	Time stamp
1	170	piezoelectric and ((metal\$3 adj layer) same titanium)	USPAT;	2004/04/29 11:48
İ			JPO;	
			DERWENT	
2	18	(piezoelectric and ((metal\$3 adj layer) same titanium)) and	USPAT;	2004/04/29 12:49
		SAW	JPO;	
			DERWENT	
3	1	"5909156".PN.	USPAT	2004/04/29 11:43
4	5	("4445066" "4775814" "5144185" "5773917"	USPAT	2004/04/29 11:46
		"5909156").PN.		
5	0	(("4445066" "4775814" "5144185" "5773917"	USPAT;	2004/04/29 11:48
		"5909156").PN.) and ((metal\$3 adj layer) same titanium)	JPO;	
			DERWENT	
6	2	(("4445066" "4775814" "5144185" "5773917"	USPAT;	2004/04/29 11:48
		"5909156").PN.) and piezoelectric and titanium	JPO;	
			DERWENT	
7	1	(US-6259185-\$).did.	USPAT	2004/04/29 12:43
9	0	((US-6259185-\$).did.) and (shear same wave)	USPAT;	2004/04/29 12:44
		·	JPO;	
			DERWENT	
10	0	((US-6259185-\$).did.) and shear	USPAT;	2004/04/29 12:44
			JPO;	
_			DERWENT	
11	1	((US-6259185-\$).did.) and wave	USPAT;	2004/04/29 12:48
			JPO;	
			DERWENT	
12	0	((US-6259185-\$).did.) and horizon\$3	USPAT;	2004/04/29 12:48
			JPO;	
			DERWENT	
8	3	(piezoelectric and ((metal\$3 adj layer) same titanium)) and	USPAT;	2004/04/29 12:49
		(shear same wave)	JPO;	
			DERWENT	
13	71	shear adj horizontal adj wave	USPAT;	2004/04/29 12:57
İ			JPO;	
		l.,	DERWENT	
15	3	(shear adj horizontal adj wave) same SAW	USPAT;	2004/04/29 12:57
			JPO;	
			DERWENT	
14	22	(shear adj horizontal adj wave) and SAW	USPAT;	2004/04/29 12:51
			JPO;	
			DERWENT	
16	5390	surface adj acoustic adj wave adj device	USPAT;	2004/04/29 12:58
1			JPO;	
			DERWENT	
17	17	(shear adj horizontal adj wave) and (surface adj acoustic adj	USPAT;	2004/04/29 12:59
		wave adj device)	JPO;	
			DERWENT	
18	0	(piezoelectric and ((metal\$3 adj layer) same titanium)) and	USPAT;	2004/04/29 12:59
		((shear adj horizontal adj wave) and (surface adj acoustic adj	JPO;	
		wave adj device))	DERWENT	
19	17		USPAT;	2004/04/29 12:59
		wave adj device)) and @ay<19990902	JPO;	
			DERWENT	
20	6	((shear adj horizontal adj wave) and (surface adj acoustic adj	USPAT;	2004/04/29 13:02
		wave adj device)) and @ad<19990902	JPO;]
_	•		DERWENT	
21	6	("5773917" "5844347" "5847486" "5854527" "5905325"	USPAT	2004/04/29 13:01
		"5909156").PN.		
22	0	(shear adj horizontal adj wave) and (("5773917" "5844347"	USPAT;	2004/04/29 13:02
		"5847486" "5854527" "5905325" "5909156").PN.)	JPO;	
			DERWENT	
-	125915	sputtering	USPAT;	2004/01/09 09:04
			JPO;	
1			DERWENT	
-	0	sputtering with (iner adj gas) with nitrogen	USPAT;	2004/01/08 16:23
			JPO;	
			DERWENT	1

-	369	sputtering with (inert adj gas) with nitrogen	USPAT; JPO;	2004/01/08 16:24
			DERWENT	
-	4	(sputtering with (inert adj gas) with nitrogen) and saw	USPAT;	2004/01/08 16:24
			JPO;	
			DERWENT	
_	7	sputtering with (inert adj gas) with (nitrogen or argon) and	USPAT;	2004/01/08 16:32
		SAW	JPO;	
			DERWENT	
<u>-</u>	1790	204/192.15.ccls.	USPAT;	2004/01/08 16:32
			JPO;	
			DERWENT	
_	57285	tantalum	USPAT;	2004/01/08 16:32
			JPO;	
			DERWENT	
<u>-</u>	313	204/192.15.ccls, and tantalum	USPAT;	2004/01/08 16:32
			JPO:	
			DERWENT	
l _	0	a-tnatalum	USPAT;	2004/01/08 16:32
			JPO:	200
	1		DERWENT	
_	1	a-tantalum	USPAT;	2004/01/08 16:33
	•		JPO;	
]		DERWENT	
-	81	alpha adj tantalum	USPAT;	2004/01/08 16:48
			JPO;	
			DERWENT	
-	9	204/192.15.ccls. and (alpha adj tantalum)	USPAT;	2004/01/08 16:33
		,,	JPO;	
			DERWENT	
_	10	sputtering with (alpha adj tantalum) with (nitrogen or argon)	USPAT;	2004/01/09 09:49
		opanioning count (arphia as) tantaiann, thur (consignition angel)	JPO;	
	' '		DERWENT	
_	5	("4340834" "5221449" "5281485" "5847486"	USPAT	2004/01/08 16:34
		"5850167").PN.		
-	1	IDT with (alpha adj tantalum)	USPAT;	2004/01/08 16:42
			JPO;	
			DERWENT	
-	3	interdigital with (alpha adj tantalum)	USPAT;	2004/01/08 16:42
			JPO;	
			DERWENT	
-	26	electrode with (alpha adj tantalum)	USPAT;	2004/01/08 16:40
			JPO;	
			DERWENT	
-	6	("4251326" "5162690" "5221449" "5274482" "6218763"	USPAT	2004/01/08 16:40
:		"6127769").PN.	.	
	1	(("4251326" "5162690" "5221449" "5274482" "6218763"	USPAT;	2004/01/08 16:41
		"6127769").PN.) and IDT	JPO;	
	_	//// 405400011 11540000011 11540000011 1150000000000	DERWENT	
-	0	((("4251326" "5162690" "5221449" "5274482" "6218763"	USPAT;	2004/01/08 16:42
		"6127769").PN.) and IDT) and (alpha adj tantalum)	JPO;	
			DERWENT	0004/04/05 15 15
-	· 4	(interdigital with tantalum) and (alpha adj tantalum)	USPAT;	2004/01/08 16:42
			JPO;	
		Section of the Association	DERWENT	0004/04/00 10 15
-	15	interdigital with tantalum	USPAT;	2004/01/08 16:43
			JPO;	
ĺ	_	20/502 4 504 600 4 cds and IDT	DERWENT	2004/04/00 40 40
-	5	29/592.1,594,609.1.ccls. and IDT	USPAT;	2004/01/08 16:46
			JPO;	
i		20/C calc. and IDT	DERWENT	2004/04/09 40:40
-	55	29/\$.ccls. and IDT	USPAT;	2004/01/08 16:46
			JPO;	
	42	20/502 1 504 600 1 colo. and interdigital	DERWENT	2004/01/09 16:46
-	13	29/592.1,594,609.1.ccls. and interdigital	USPAT; JPO;	2004/01/08 16:46
İ	!		DERWENT	
			DEVACIAL	

-	143	29/\$.ccls. and interdigital	USPAT; JPO:	2004/01/08 16:46
			DERWENT	
	_	(alaba adi tantalum) and (20/6 ada and interdigital)	1	2004/01/08 16:46
-	0	(alpha adj tantalum) and (29/\$.ccls. and interdigital)	USPAT;	2004/01/06 10.40
			JPO;	
		l	DERWENT	0004/04/00 40 40
-	4	(alpha adj tantalum) and interdigit\$2	USPAT;	2004/01/08 16:48
			JPO;	
			DERWENT	
-	111651	low with resist\$3	USPAT;	2004/01/09 09:04
			JPO;	
			DERWENT	
-	4324	low adj resist\$3	USPAT;	2004/01/09 09:05
-			JPO;	
İ			DERWENT	*
l -	12280	interdigital wtih taltalum	USPAT;	2004/01/09 09:06
			JPO;	
į			DERWENT	
_	11	(low adj resist\$3) and (interdigital wtih taltalum)	USPAT;	2004/01/09 09:05
-	''	(low adjitesistws) and (interdigital with taltalam)	JPO;	2004/01/03 03:03
		·	DERWENT	
	٠.	(intendicital while tolded was) posses (law and recipt@2)		2004/04/00 00:06
] -	1	(interdigital wtih taltalum) same (low adj resist\$3)	USPAT;	2004/01/09 09:06
1			JPO;	
İ			DERWENT	0004/04/05 :5 5 :
-	42	(interdigital wtih tantalum) same (low adj resist\$3)	USPAT;	2004/01/09 10:21
			JPO;	
			DERWENT	
-	0	(interdigital near tantalum) same (low adj resist\$3)	USPAT;	2004/01/09 09:08
			JPO;	
		·	DERWENT	
-	0	(interdigital same tantalum) same (low adj resist\$3)	USPAT;	2004/01/09 09:08
			JPO;	
		•	DERWENT	
-	0	(interdigital with tantalum) same (low adj resist\$3)	USPAT;	2004/01/09 09:09
		(JPO;	
			DERWENT	
_	0	(tantalum same (low adj resist\$3)) and interdigital	USPAT;	2004/01/09 09:41
		(tarriarian barris (toward) resistas), and interargitar	JPO;	
			DERWENT	İ
_	41	tantalum same (low adj resist\$3)	USPAT;	2004/01/09 09:35
-	7'	tantalum same (low adj resistyo)	JPO;	2004/01/03 03.33
			DERWENT	
	_	(alpha adi tantalum) sama (lauradi sasiatita)		2004/01/00 10:24
-	0	(alpha adj tantalum) same (low adj resist\$3)	USPAT;	2004/01/09 10:24
			JPO;	
	_	//	DERWENT	0004/04/00 00 ::
-	2	((alpha adj tantalum) same ((low or reduce\$1) adj resist\$5))	USPAT;	2004/01/09 09:44
	1	and interdigital	JPO;	
			DERWENT	
-	17	(alpha adj tantalum) same ((low or reduce\$1) adj resist\$5)	USPAT;	2004/01/09 09:44
	1		JPO;	1
			DERWENT	
-	1	((alpha adj tantalum) same ((low or reduce\$1) adj resist\$5))	USPAT;	2004/01/09 09:44
		and SAW	JPO;	
			DERWENT	
_	852	(interdigital wtih tantalum) same (low adj resist\$5)	USPAT;	2004/01/09 09:48
	1 .		JPO;	
			DERWENT	
_	327	sputtering with (tantalum) with (nitrogen or argon)	USPAT;	2004/01/15 09:12
		Transing mar (minerally mar (minerally or or and only	JPO;	
			DERWENT	
<u>_</u>	30	((interdigital wtih tantalum) same (low adj resist\$5)) and	USPAT;	2004/01/09 10:07
-	30	((Interdigital with tantaidin) same (low adjitesist\$5)) and (sputtering with (tantalum) with (nitrogen or argon))	JPO;	200-70 1700 10.07
		(Spattering with (tantalum) with (hittogen of algori))	DERWENT	
	4702	sputtering same (distance or space or distance) same (target	USPAT;	2004/01/09 10:08
-	4793			2004/01/09 10.08
] .	or substrate)	JPO;	
			DERWENT	

1					
1	-	4793	sputtering same (space or distance) same (target or substrate)		2004/01/09 10:08
1				DERWENT	
(larget or substrate) (larget or substrate)			(anuttoring with tentalum) come (chace or distance) same		2004/01/12 00:12
Computering with tantalum Same (pressure) same (power) Computering with tantalum Same (pressure) same (power) Computering with tantalum Computering with tanta	-	37			2004/01/12 03:12
Separate comporation Separate comporate comporate comporation Separate comporation Separate comporation			(target or substrate)		
Same temperature Same temper				DERWENT	
Same temperature Same temper	1_	36	(couttering with tantalum) same (pressure) same (power)		2004/01/09 10:17
CERWENT Control Cont	-] 30			200-70 1700 10:11
0 (interdigital with tantalum) same (low adj resist\$3) same reflector reflector reflector 1055 (interdigital with tantalum) same reflector USPAT; JPO, DERWENT USPAT; JPO, DERWE			same temperature ·		
reflector				DERWENT	
reflector	<u>-</u>	l o	(interdigital with tantalum) same (low adi resist\$3) same	USPAT:	2004/01/09 10:25
1055 Cinterdigital with tantalum) same reflector USPAT; JPO; DERWENT USPAT; JPO;			, , , , , , , , , , , , , , , , , , , ,		
1055 (interdigital with tantalum) same reflector USPAT; JPO; DERWENT USPAT; JPO;			i ciiectoi		
- 436 ((interdigital with tantalum) same reflector) and saw UPAT; JPC; DERWENT USPAT;					
- 436 ((interdigital with tantalum) same reflector) and saw	-	1055	(interdigital wtih tantalum) same reflector	USPAT;	2004/01/09 10:23
A36		1		JPO:	
-				,	
1083	1	400	((interesting to the terretain only a sure and a start and a sure	1	2004/04/00 40:22
1083	-	436	((interdigital with tantalum) same reflector) and saw		2004/01/09 10:22
1083 (reflector with tantalum) same SAW		l		JPO;	
1083 (reflector with tantalum) same SAW		1	• • • • • • • • • • • • • • • • • • •	DERWENT	
PO DERWENT USPAT; DERWENT USPAT; PO DERW		1000	(authorized by Annialium) como CANA		2004/01/00 10:24
B1	1-	1083	(renector with tantalum) same SAVV		2004/01/09 10.24
Section		1			
Section	1	[·	DERWENT	l .
1	1_	21	alpha adi tantalum		2004/01/09 10:24
1	1	01	aipira auj taritarum		2007/01/03 10.24
1	1	1			
- 1055 (alpha adj tantalum) with reflector	1	1	,	1 '	
- 1055 (alpha adj tantalum) with reflector	-	1	((reflector with tantalum) same SAW) and (alpha adi tantalum)	USPAT:	2004/01/09 10:24
1	1		(1) and the factor of the fact		= = = = = = = = = = = = = = = = = = =
- 1	1	1			
- 1055 (interdigital wtih tantalum) same reflector USPAT;	1	1			
- 1055 (interdigital wtih tantalum) same reflector USPAT;	1 -	1	(alpha adj tantalum) with reflector	USPAT;	2004/01/09 10:24
- 1055 (interdigital wtih tantalum) same reflector					
- 1055 (interdigital with tantalum) same reflector - 1 (interdigital with tantalum) same (low adj resist\$5) same reflector - 0 (interdigital with tantalum) same (low adj resist\$5) same reflector - 0 (tantalum same (low adj resist\$5) same reflector - 7 (tantalum same reflector) and saw - 142 (tantalum same reflector) and saw - 142 (tantalum same reflector) - 142 (tantalum same reflector) - 144 (tantalum same reflector) - 15 (sputtering with tantalum) same (space or distance) same (larget or substrate) same thickness - 15 (sputtering with tantalum) - 7 (saw and (reflector\$1 same tantalum) - 7 (saw and (reflector\$1 same tantalum) - 7 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6110598-\$ or US-6110598-\$ or US-6110598-\$ or US-6191031-\$ or US-6154058-\$ or US-6114058-\$ or US-6110598-\$ or US-6191031-\$ or US-6154058-\$ or US-6114058-\$ or US-6110598-\$ or US-6191031-\$ or US-6154058-\$ or US-61514498-\$ or US-619031-\$ or US-6154058-\$ or US-61514688-\$ or US-6191031-\$ or US-6154058-\$ or US-6151468-\$ or US-6110598-\$ or US-619031-\$ or US-619031-\$ or US-6154058-\$ or US-619031-\$ or					
- 1 (interdigital with tantalum) same (low adj resist\$5) same reflector		4055	C. C. P. M. A. Alle Level and A. A. A. A. A. A. A. A. A. A. A. A. A.		0004/04/00 40.05
1	-	1055	(Interdigital with tantalum) same reflector		2004/01/09 10:25
1				JPO;	
1	ľ			DERWENT	
reflector tantalum same (low adj resist\$5) same reflector tantalum same (low adj resist\$5) same reflector 7 (tantalum same reflector) and saw 142 tantalum same reflector 9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness - 4 saw and (reflector\$1 with tantalum) 7 saw and (reflector\$1 same tantalum) 5 IDT and (reflector\$1 same tantalum) 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-6281554-\$ or US-6375312-\$ or US-5221449-\$ or US-6226171-\$ or US-62816403-\$ or US-6281554-\$ or US-6375312-\$ or US-5221449-\$ or US-6226171-\$ or US-6281645-\$ or US-5221449-\$ or US-626171-\$ or US-6281654-\$ or US-6375312-\$ or US-5221449-\$ or US-626171-\$ or US-6286485-\$ or US-6375312-\$ or US-5221449-\$ or US-626171-\$ or US-6286485-\$ or US-6375312-\$ or US-5221449-\$ or US-626171-\$ or US-6286452-\$ or US-610598-\$ or US-626171-\$ or US-62815405-\$ or US-6375312-\$ or US-5221449-\$ or US-626171-\$ or US-6281554-\$ or US-6375312-\$ or US-5221449-\$ or US-626171-\$ or US-6281554-\$ or US-6375312-\$ or US-5221449-\$ or US-626171-\$ or US-6281554-\$ or US-6375312-\$ or US-610598-\$ or US-6375312-\$ or US-610598-\$ or US-6191031-\$ or US-6108150-\$ or US-6108150-\$ or US-610598-\$ or US-6		1	(interdigital with tantalum) same (low adi resist\$5) same		2004/01/09 10:25
- 1 tantalum same (low adj resist\$5) same reflector 1 tantalum same (low adj resist\$5) same reflector 2 tantalum same reflector) and saw 1 tantalum same reflector) and saw 2 tantalum same reflector 1 tantalum same reflector 2 tantalum same reflector 3 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness 4 saw and (reflector\$1 with tantalum) 5 saw and (reflector\$1 with tantalum) 7 saw and (reflector\$1 same tantalum) 1	_	'	`		2004/01/03 10:23
- 142 tantalum same reflector) and saw - 7 (tantalum same reflector) and saw - 142 tantalum same reflector - 142 tantalum same reflector - 9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness - 4 saw and (reflector\$1 with tantalum) - 7 saw and (reflector\$1 with tantalum) - 8 (IDT and (reflector\$1 same tantalum) - 15 (US-6144057-\$ or US-5281485-\$ or US-6226171-\$ or US-6226171-\$ or US-6375312-\$ or US-5221449-\$ or US-6226171-\$ or US-6154105-\$), did. or (UP-04186815-\$), did. or (US-6140403-\$ or US-6351312-\$ or US-5850167-\$ or US-5140403-\$ or US-6154105-\$), did. or (UP-04186815-\$), did. or (US-6144057-\$ or US-6375312-\$ or US-5221449-\$ or US-6226171-\$ or US-6375312-\$ or US-5221449-\$ or US-6226171-\$ or US-6375312-\$ or US-522149-\$ or US-6226171-\$ or US-6375312-\$ or US-522149-\$ or US-6226171-\$ or US-635312-\$ or US-5850167-\$ or US-5281554-\$ or US-6351057-\$ or US-5281554-\$ or US-63510598-\$ or US-510403-\$ or US-63510598-\$ or US-510403-\$ or US-635110598-\$ or US-510403-\$ or US-635110598-\$ or US-510403-\$ or US-6154105-\$ or US-5850167-\$ or US-5281554-\$ or US-635110598-\$ or US-510598-\$ or US-510403-\$ or US-6154105-\$ or US-5850167-\$ or US-5281554-\$ or US-635110598-\$ or US-510403-\$ or US-635112-\$ or US-5850167-\$ or US-5281554-\$ or US-635110598-\$ or US-610598-\$ or US-			retlector		
- 7 (tantalum same reflector) and saw UPO: DERWENT USPAT; JPO: DERWENT US-6226171-\$ or US-6281485-\$ or US-5221449-\$ or US-5140403-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. Or US-5281554-\$ or US-6375312-\$ or US-521449-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-5281554-\$ or US-6184105-\$).did. or (JP-04186815-\$).did. or (JP-041868				DERWENT	
- 7 (tantalum same reflector) and saw UPO: DERWENT USPAT; JPO: DERWENT US-6226171-\$ or US-6281485-\$ or US-5221449-\$ or US-5140403-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. Or US-5281554-\$ or US-6375312-\$ or US-521449-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-5281554-\$ or US-6184105-\$).did. or (JP-04186815-\$).did. or (JP-041868	-	0	tantalum same (low adj resist\$5) same reflector	USPAT:	2004/01/09 10:26
Table Continue	ł		,		
- 142 tantalum same reflector) and saw 142 tantalum same reflector 142 tantalum same reflector 9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness - 4 saw and (reflector\$1 with tantalum) 7 saw and (reflector\$1 same tantalum) 15 IDT and (reflector\$1 same tantalum) 16 US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-62818152-\$ or US-6714268-\$ or US-6191031-\$ or US-648862-\$ or US-6714268-\$ or US-621031-\$ or US-628175-\$ or US-6281449-\$ or US-6191031-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-648862-\$ or US-6110598-\$ or US-6191031-\$ or US-648862-\$ or US-6110598-\$ or US-6191031-\$ or US-6486862-\$ or US-6110598-\$ or US-6191031-\$ or US-6184105-\$).did. or US-6184105-\$).d			'		
- 142 tantalum same reflector 9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness - 4 saw and (reflector\$1 with tantalum) - 5 IDT and (reflector\$1 same tantalum) - 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-6375312-\$ or US-5714268-\$ or US-6226171-\$ or US-6410598-\$ or US-6226171-\$ or US-6410598-\$ or US-6226171-\$ or US-6410598-\$ or US-6226171-\$ or US-6410598-\$ or US-6226171-\$ or US-6410598-\$ or US-6226171-\$ or US-6410598-\$ or US-6261751-\$ or US-6410598-\$ or US-6226171-\$ or US-6410598-\$ or US-5714268-\$ or US-521449-\$ or US-5281554-\$ or US-6375312-\$ or US-5212449-\$ or US-6226171-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. USPAT; JPO; US-610191031-\$ or US-6375312-\$ or US-521449-\$ or US-6226171-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. USPAT; JPO; US-6191031-\$ or US-6375312-\$ or US-5221449-\$ or US-6226171-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. Or (JP-04186815-\$).did.) and piezoelectric		_			0004/04/00 40 00
- 142 tantalum same reflector 9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness - 9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness - 15 (useflector\$1 with tantalum) - 16 (useflector\$1 same tantalum) - 17 saw and (reflector\$1 same tantalum) - 18 (useflector\$1 same tantalum) - 19 (useflector\$1 same tantalum) - 19 (useflector\$1 same tantalum) - 10 (useflector\$1 same tan	-	/	(tantalum same reflector) and saw		2004/01/09 10:26
- 142 tantalum same reflector 9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness - 9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness - 15 (useflector\$1 with tantalum) - 16 (useflector\$1 same tantalum) - 17 saw and (reflector\$1 same tantalum) - 18 (useflector\$1 same tantalum) - 19 (useflector\$1 same tantalum) - 19 (useflector\$1 same tantalum) - 10 (useflector\$1 same tan	į			JPO;	
- 142 tantalum same reflector 9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness - 4 saw and (reflector\$1 with tantalum) 7 saw and (reflector\$1 same tantalum) - 5 IDT and (reflector\$1 same tantalum) - 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-5226171-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$), did. or (JP-04186815-\$) did. or (JP-04186815-\$) or US-5181053-\$ or US-638662-\$ or US-6110598-\$ or US-6226171-\$ or US-638662-\$ or US-6110598-\$ or US-6226171-\$ or US-638662-\$ or US-6110598-\$ or US-6191031-\$ or US-638662-\$ or US-6110598-\$ or US-6191031-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6191031-\$ or US-619598-\$ or US-6191031-\$ or US-6154105-\$), did. or (JP-04186815-\$). d					
9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness 4 saw and (reflector\$1 with tantalum) 5 saw and (reflector\$1 same tantalum) 5 IDT and (reflector\$1 same tantalum) 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-6375312-\$ or US-6714268-\$ or US-6226171-\$ or US-6154105-\$).did. or (US-6144003-\$ or US-6154105-\$).did. or (US-6110598-\$ or US-5221449-\$ or US-6226171-\$ or US-6375312-\$ or US-5221449-\$ or US-6226171-\$ or US-610598-\$ or US-610598-\$ or US-6191031-\$ or US-6154105-\$).did. or (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-626171-\$ or US-6154105-\$).did. or (US-6144057-\$ or US-6154105-\$).did. or (US-6110598-\$ or US-6226171-\$ or US-6154105-\$).did. or (US-6110598-\$ or US-626171-\$ or US-6154105-\$).did. or (US-6110598-\$ or US-626171-\$ or US-6154105-\$).did. or (US-6110598-\$ or US-6110598-\$ or U		142	tantalum samo reflector		2004/01/09 10:27
9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness 4 saw and (reflector\$1 with tantalum) 5 saw and (reflector\$1 same tantalum) 10 DERWENT 11 USPAT; 12 JPO; 12 DERWENT 13 DERWENT 14 Saw and (reflector\$1 same tantalum) 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-6410867-\$ or US-5281485-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-619403-\$ or US-619403-\$ or US-619403-\$ or US-619403-\$ or US-619403-\$ or US-619403-\$ or US-619403-\$ or US-619403-\$ or US-5281485-\$ or US-521449-\$ or US-6144057-\$ or US-6144057-\$ or US-5281485-\$ or US-521449-\$ or US-6144057-\$ or US-6154105-\$ or US-521449-\$ or US-6144057-\$ or US-6154105-\$ or US-521449-\$ or US-614403-\$ or US-6154105-\$ or US-521449-\$ or US-614403-\$ or US-6154105-\$ or US-521449-\$ or US-5140403-\$ or US-6154105-\$ or US-5251468-\$ or US-6191031-\$ or US-6184105-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$ or US-5714268-\$ or US-6191031-\$ or US-619403-\$ or US-6194	1	142	tantalum same renector		2004/01/09 10.27
9 (sputtering with tantalum) same (space or distance) same (target or substrate) same thickness 4 saw and (reflector\$1 with tantalum) 7 saw and (reflector\$1 same tantalum) 5 IDT and (reflector\$1 same tantalum) 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-641003-\$ or US-6154105-\$).did. or US-614003-\$ or US-6281485-\$ or US-5221449-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5221449-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5221449-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5221449-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5221449-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5221449-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5221449-\$ or US-6191031-\$ or US-6154105-\$).did. or US-521449-\$ or US-5221449-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5714268-\$ or US-5221449-\$ or US-5140403-\$ or US-6375312-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or US-5714268-\$ or US-6154105-\$).did. or US-6154105-\$).did. or US-5714268-\$ or US-6154105-\$).did. or US-6154105-\$).did. or US-5714268-\$ or US-6154105-\$).did. or US-61		[
(target or substrate) same thickness 4 saw and (reflector\$1 with tantalum) 7 saw and (reflector\$1 same tantalum) 5 IDT and (reflector\$1 same tantalum) 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-5221671-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. 3 ((US-6144057-\$ or US-6375312-\$ or US-5221449-\$ or US-6226171-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. 4 saw and (reflector\$1 with tantalum) 5 DERWENT USPAT; JPO USPAT; JPO USPAT; JPO; DERWENT					
(target or substrate) same thickness 4 saw and (reflector\$1 with tantalum) 7 saw and (reflector\$1 same tantalum) 5 IDT and (reflector\$1 same tantalum) 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-5221671-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. 3 ((US-6144057-\$ or US-6375312-\$ or US-5221449-\$ or US-6226171-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. 4 saw and (reflector\$1 with tantalum) 5 DERWENT USPAT; JPO USPAT; JPO USPAT; JPO; DERWENT	-	9	(sputtering with tantalum) same (space or distance) same	USPAT:	2004/01/12 09:39
- 4 saw and (reflector\$1 with tantalum) - 7 saw and (reflector\$1 same tantalum) - 8	1				
4 saw and (reflector\$1 with tantalum) 7 saw and (reflector\$1 same tantalum) 10 DERWENT USPAT; USPA			(raiget or substrate) same unormess	•	
- 7 saw and (reflector\$1 same tantalum) 5 IDT and (reflector\$1 same tantalum) 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. and piezoelectric					
- 7 saw and (reflector\$1 same tantalum) 5 IDT and (reflector\$1 same tantalum) 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. and piezoelectric	-	4	saw and (reflector\$1 with tantalum)	USPAT;	2004/01/12 09:40
- Saw and (reflector\$1 same tantalum) 5 IDT and (reflector\$1 same tantalum) 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. or US-6226171-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-5281485-\$ or US-5221449-\$ or US-6191031-\$ or US-6088462-\$ or US-6510598-\$ or US-6191031-\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric	1		· · · · · · · · · · · · · · · · · · ·		
7 saw and (reflector\$1 same tantalum) 15 IDT and (reflector\$1 same tantalum) 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. ((US-6144057-\$ or US-61541059-\$) or US-6226171-\$ or US-61541059-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. and piezoelectric					
- 15 IDT and (reflector\$1 same tantalum) - 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. - 3 ((US-6144057-\$ or US-5281485-\$ or US-521449-\$ or US-6191031-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-6226171-\$ or US-6088462-\$ or US-6110598-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric					0004/04/40 00 40
- 15 IDT and (reflector\$1 same tantalum) - 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6191031-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-6226171-\$ or US-6088462-\$ or US-6110598-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric	-	7	saw and (reflectors) same fantalum)		2004/01/12 09:42
- 15 IDT and (reflector\$1 same tantalum) - 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6191031-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-6226171-\$ or US-6088462-\$ or US-6110598-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric	1				
- 15 IDT and (reflector\$1 same tantalum) - 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5221449-\$ or US-5140403-\$ or US-6088462-\$ or US-5221449-\$ or US-5140403-\$ or US-6088462-\$ or US-5110598-\$ or US-5140403-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric					
- 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5221449-\$ or US-5140403-\$ or US-6088462-\$ or US-5221449-\$ or US-5140403-\$ or US-6088462-\$ or US-5110598-\$ or US-5140403-\$ or US-6088462-\$ or US-5110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric			IDT and (reflector\$1 same tantalum)		2004/01/12 00:42
- 15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric	-	ات	io i and (renectoral same tantalum)		2007/01/12/03.42
15 (US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5140403-\$ or US-6375312-\$ or US-5714268-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric					
US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric			İ	DERWENT	
US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric	1 -	15	(US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or	USPAT: JPO	2004/01/15 08:51
US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. 3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric					
US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric					
US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric					
US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did. ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric			US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or		
3 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric]				
ÜS-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric		اها		IICDAT.	2004/01/15 00:24
US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric	-	ا			2007/01/13 08.34
US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric					
US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric			US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or	DERWENT	
US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and piezoelectric					
(JP-04186815-\$).did.) and piezoelectric					
		<u> </u>			

186					
- 3 piezoelectric with (alpha adj tantalum) USPAT; DPC; DERWENT USPAT; JPC; DE	-	18	sputtering with (alpha adj tantalum)		2004/01/15 09:00
186	-	3	piezoelectric with (alpha adj tantalum)	USPAT; JPO;	2004/01/15 09:00
-		186	(vapor daj deposition) with (tantalum) with (nitrogen or argon)	USPAT; JPO;	2004/01/15 09:14
- 699640 vapor daj deposition 1 (vapor adj deposition) with (alpha adj tantalum) with (nitrogen or argon) 58 (vapor adj deposition) with (tantalum) with (nitrogen or argon) 58 (vapor adj deposition) with metal with piezoelectric with (nitrogen or argon) 10 (vapor adj deposition) with metal with piezoelectric with (nitrogen or argon) 11 ((vapor adj deposition) with metal with piezoelectric with (nitrogen or argon) 12 ((vapor adj deposition) with metal with piezoelectric) and saw UsPAT, JPO, DERWENT USPAT, JPO, DERWENT USPAT, JPO, DERWENT US-521409-\$ or US-52150-\$ or US-521409-\$ or US-52150-\$ or US-521409-\$ or US-52150-\$ or US-521409-\$ or US-52150-\$ or US-521409-\$ or US-52150-\$ or US-521409-\$ or US-52150-\$ or US-5216	-	2		USPAT; JPO;	2004/01/15 09:13
1	-	699640	vapor daj deposition	USPAT; JPO;	2004/01/15 09:13
S8	-	1		USPAT; JPO;	2004/01/15 09:14
- 0 (vapor adj deposition) with metal with piezoelectric with (nitrogen or argon) JPO; DERWENT (vapor adj deposition) with metal with piezoelectric) and saw JPO; DERWENT (JSPAT; JPO; DERWENT USPAT; US-6226171-\$ or US-5281485-\$ or US-5221449-\$ or US-5221671-\$ or US-5281485-\$ or US-5850167-\$ or US-528159-\$ or US-528159-\$ or US-528159-\$ or US-528159-\$ or US-528159-\$ or US-528159-\$ or US-5281485-\$ or US-6375312-\$ or US-5850167-\$ or US-528159-\$ or US-5281485-\$ or US-5850167-\$ or US-5281485-\$ or US-5850167-\$ or US-5281485-\$ or US-5850167-\$ or US-5281485-\$ or US-5110598-\$ or US-5281485-\$ or US-5850167-\$ or US-5281485-\$ or US-521449-\$ or US-5281485-\$ or US-5850167-\$ or US-5281485-\$ or US-5850167-\$ or US-5281485-\$ or US-5850167-\$ or US-5281485-\$ or US-5850167-\$ or US-5281485-\$ or US-5281485-\$ or US-5281485-\$ or US-528149-\$ or US-5281485-\$ or US-5281485-\$ or US-5281485-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-528168-\$ or US-5281697-\$ or US-528169-\$ or US-	-	58	(vapor adj deposition) with (tantalum) with (nitrogen or argon)	USPAT; JPO;	2004/01/15 09:14
12	-	0		USPAT; JPO;	2004/01/15 09:15
1 ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-6088462-\$ or US-6710598-\$ or US-610598-\$ or US-6281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6714268-\$ or US-6088462-\$ or US-6714268-\$ or US-6714268-\$ or US-6714058-\$ or US-67514069-\$ or US-6714058-\$ or US-671405-\$ or US-6714061-\$ or US-671405-\$ or US-671406-\$ or US	-	12	((vapor adj deposition) with metal with piezoelectric) and saw	USPAT; JPO;	2004/01/15 09:15
UJP-04186815-\$).did.) and (vapor adj deposition)	-	1	ÜS-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or	USPAT; JPO;	2004/01/15 09:17
S	-	93	(JP-04186815-\$).did.) and (vapor adj deposition)	JPO;	2004/01/15 09:19
- 6 (JP-04186815-\$).did.) and tungsten ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403.\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and (tungsten with tantalum) (US-6226171-\$ or US-62261485-\$ or US-5221449-\$ or US-6226171-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6375312-\$ or US-5714268-\$ or US-691031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and (tungsten with titanium) saw and (tungsten with titanium) US-AT; JPO; DERWENT U	-	8	US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or	USPAT; JPO;	2004/01/15 09:36
- 2 (JP-04186815-\$).did.) and (tungsten with tantalum) ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-6191031-\$ or US-6154105-\$).did. or (JP-04186815-\$).did.) and (tungsten with titanium) - 666 saw and (tungsten with titanium) with bilayer - 0 saw and (tungsten with titanium) with bilayer - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer)	-	6	(JP-04186815-\$).did.) and tungsten ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or	JPO;	2004/01/15 09:39
- 666 saw and (tungsten with titanium) - 0 saw and (tungsten with titanium) with bilayer - 0 saw and (tungsten with titanium) with bilayer - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bilayer) - 0 saw and ((tungsten with titanium) with bi-layer) - 0 saw and ((tungsten with titanium) with bi-layer) - 0 saw and ((tungsten with titanium) with bi-layer) - 0 saw and ((tungsten with titanium) with bi-layer)	-	2	(JP-04186815-\$).did.) and (tungsten with tantalum) ((US-6144057-\$ or US-5281485-\$ or US-5221449-\$ or US-6226171-\$ or US-4410867-\$ or US-5850167-\$ or US-5140403-\$ or US-6088462-\$ or US-6110598-\$ or US-5281554-\$ or US-6375312-\$ or US-5714268-\$ or US-6191031-\$ or US-6154105-\$).did. or	JPO;	2004/01/15 09:40
- 0 saw and (tungsten with titanium) with bilayer USPAT; JPO; DERWENT - 0 saw and ((tungsten with titanium) with bilayer) USPAT; JPO; DERWENT USPAT; JPO; DERWENT - 0 saw and ((tungsten with titanium) with bi-layer) USPAT; 2004/01/15 09:41	-	666	(JP-04186815-\$).did.) and (tungsten with titanium)	1 '	2004/01/15 09:40
- 0 saw and ((tungsten with titanium) with bilayer) USPAT; 2004/01/15 09:41 JPO; DERWENT O saw and ((tungsten with titanium) with bi-layer) USPAT; 2004/01/15 09:41	-	0	saw and (tungsten with titanium) with bilayer	USPAT; JPO;	2004/01/15 09:41
- 0 saw and ((tungsten with titanium) with bi-layer) USPAT; 2004/01/15 09:41	_	o	saw and ((tungsten with titanium) with bilayer)	USPAT; JPO;	2004/01/15 09:41
DERWENT	•	o	saw and ((tungsten with titanium) with bi-layer)	USPAT; JPO;	2004/01/15 09:41

-	0	saw and ((tungsten same titanium) with bi-layer)	USPAT;	2004/01/15 09:41
			JPO;	
			DERWENT	
-	728	saw and (tungsten same titanium)	USPAT;	2004/01/15 09:41
			JPO;	
			DERWENT	
-	257	saw and ((tungsten same titanium) with tantalum)	USPAT;	2004/01/15 09:42
			JPO;	
			DERWENT	
-	255	saw and ((tungsten with titanium) with tantalum)	USPAT;	2004/01/15 09:45
			JPO;	
			DERWENT	
-	11	saw and ((tungsten with titanium) with tantalum with	USPAT;	2004/01/15 09:45
		piezoelectric)	JPO;	
			DERWENT	